

Title (en)

STIMULATION SYSTEMS WITH USER-SPECIFIED ROUTINES AND METHODS OF MAKING AND USING

Title (de)

STIMULATIONSSYSTEME MIT BENUTZERSPEZIFIZIERTENROUTINEN UND VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG

Title (fr)

SYSTÈMES DE STIMULATION AYANT DES ROUTINES SPÉCIFIÉES PAR L'UTILISATEUR ET PROCÉDÉS DE FABRICATION ET D'UTILISATION

Publication

EP 4313278 A1 20240207 (EN)

Application

EP 22740646 A 20220606

Priority

- US 202163197747 P 20210607
- US 2022032349 W 20220606

Abstract (en)

[origin: US2022387785A1] A stimulation system includes a device programmed with user-specified routines for operation of a pulse generator, where the user-specified routines are activatable in response to information received from a source external to the pulse generator, The device includes a memory, a communication unit, and at least one processor coupled to the memory and the communication unit and configured to perform actions, including receiving, using the communication unit, information provided from the source external to the pulse generator and external to the patient, when the information meets an activation criterion for a one of the user-specified routines, activating the user-specified routine to deliver or halt delivery of stimulation to the patient according to the user-specified routine, and upon completion of the user-specified routine or meeting a termination condition, halting the user-specified routine.

IPC 8 full level

A61N 1/372 (2006.01); **G16H 40/40** (2018.01)

CPC (source: EP US)

A61B 5/0022 (2013.01 - US); **A61B 5/7435** (2013.01 - US); **A61N 1/05** (2013.01 - US); **A61N 1/3606** (2013.01 - US); **A61N 1/36135** (2013.01 - US); **A61N 1/37247** (2013.01 - EP); **A61N 1/37282** (2013.01 - EP); **G16H 20/30** (2018.01 - EP); **G16H 40/40** (2018.01 - EP); **G16H 40/67** (2018.01 - EP US); **G16H 50/20** (2018.01 - EP); **A61B 2560/0219** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

US 2022387785 A1 20221208; EP 4313278 A1 20240207; WO 2022261001 A1 20221215

DOCDB simple family (application)

US 202217833240 A 20220606; EP 22740646 A 20220606; US 2022032349 W 20220606